

IN THE CLAIMS

7. (currently amended): A [[high-strength]] part, comprising:

a [[part]] component made from a photo-curable polymer, said
[[part]] component having opposing ~~interior~~ surfaces
bordering an interior of said part; and

a ~~strength~~ cured material ~~interposed~~ filled between and
bonded to said opposing ~~interior~~ surfaces, said cured
material adding a strengthening property to said part.

8. (currently amended): A [[high-strength]] part as in claim 7
further comprising a plurality of spaced apart internal supports
made from said photo-curable polymer, said plurality of spaced
apart internal supports ~~further being integral with~~ extending
between said opposing ~~interior~~ surfaces ~~to create a gap~~
~~therebetween~~ and separate from said cured material.

9. (currently amended): A [[high-strength]] part as in claim 7
wherein said ~~strength~~ cured material comprises a mixture of an
epichlorohydrin resin, a catalyst and filler particles.

10. (currently amended): A [[high-strength]] part as in claim 9 wherein said catalyst is selected from the group consisting of methylenedimethylene, hexahydrophthalic anhydride, dodecenylsuccinic anhydride, and polyamide.

11. (currently amended): A [[high-strength]] part as in claim 9 wherein said catalyst is methylenedimethylene mixed with said epichlorohydrin resin in a proportion of 80-90 weight percent of said epichlorohydrin resin.

12. (currently amended): A [[high-strength]] part as in claim 11 wherein said filler particles are glass fibers in the range of 1/32 to 1/64 of an inch in length.

13. (currently amended): A [[high-strength]] part as in claim 12 wherein said glass fibers are 50-60 weight percent of said epichlorohydrin resin.

14. (currently amended): A [[high-strength]] part as in claim 9, said mixture further comprising aluminum powder in a proportion up to 10 weight percent of said epichlorohydrin resin.

15. (currently amended): A [[high-strength]] part as in claim 7 wherein said ~~strength~~ cured material comprises a mesh wetted with a catalyzed epichlorohydrin resin.

16. (currently amended): A [[high-strength]] part as in claim 15 wherein said catalyzed epichlorohydrin resin uses a catalyst selected from the group consisting of methylenedimethylene, hexahydrophthalic anhydride, dodecenylsuccinic anhydride, and polyamide.

17. (currently amended): A [[high-strength]] part as in claim 16 wherein said catalyst is methylenedimethylene mixed with a epichlorohydrin resin in a proportion of 80-90 weight percent of said epichlorohydrin resin.